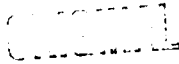



AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1 33	
2. AMENDMENT/MODIFICATION NO. 428		3. EFFECTIVE DATE See Block 14		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE John F. Kennedy Space Center, NASA Procurement Office Kennedy Space Center, FL 32899				7. ADMINISTERED BY (If other than Item 6) CODE			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Space Gateway Support 2411 Dulles Corner Park, Suite 500 Herndon, VA 20171-3430 				9A. AMENDMENT OF SOLICITATION NO.			
				9B. DATED (SEE ITEM 11)			
				10A. MODIFICATION OF CONTRACT/ORDER NO. NAS10-99001			
				10B. DATED (SEE ITEM 13) August 21, 1998			
CODE	FACILITY CODE						
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning ___ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
X D. OTHER (Specify type of modification and authority) Unilateral Pursuant to FAR 52.243-2 Changes – Cost Reimbursement (AUG 1987) Alt II (APR 1984)							
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return ___ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
The purpose of this modification is to accept the Atlas/Titan descope proposal (CCRs 05-41/05-54) dated July 14, 2006 as updated during negotiations to provide for an equitable adjustment for the descope of Atlas and Titan support. This action also definitizes Change Order 367 for North CCAFS (ITL) Security and Fire Reductions. CIP 96 is addressed under separate cover. The performance period for this Atlas/Titan descope is 1 October 2005 through 30 September 2008 and 15 September 2006 through 30 September 2008 for the North CCAFS (ITL) Security and Fire Reductions. The total contract estimated cost and fee is decreased by (\$14,919,837) in cost and (\$1,101,013*) in fee for a total decrease of (\$16,020,850). As a part of this action and reflected in the above amount Change Order 367 is definitized at (\$3,198,761) in cost and (\$242,422) in fee for a total decrease of (\$3,441,183). This change revises Article B-3, Contract Value; Article B-4, Award Fee; Article G-2 Contract Funding; SOW 3.1.1.1, Fire Stations; 3.1.1.2, Fire Equipment and Services; 3.1.1.9, Fire Inspection and Prevention; 3.1.1.14, Immediate Danger to Life or Health Rescue Program; 3.1.1.15, On Site Standby Technical Rescue; Attachment J-5, Technical Exhibit Listing, Attachment J-12, Workload Indicator WBS 1.1 and Technical Exhibits 2.2.2.3B, CCAFS Refuse Collection Sites and Frequencies; 5.5-826, CCAFS Grounds Areas and Requirements; and 3.1.2-03, Baseline Realignment Security Posture for FY04-08 and adds new Technical Exhibit 3.1.1-01, Hazardous Operations Requiring CCAFS Fire Department Standbys are shown on the attached pages. All other terms and conditions of the contract remain unchanged. Modification 428 is issued subsequent to modifications 429 through 432 which is reflected in Contract Articles B-3, B-4 and G-2. *The contractor shall credit a future award fee voucher to reflect the decrease resulting from this modification for award fee periods 15 through 17. Award fee adjusted for these three periods to reflect earned award fee percentage.							
Except as provided herein, all terms and conditions of the document referenced in Item 9a or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
				Ernest G. Tweedie Contracting Officer			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
						4 JUN 07	
(Signature of person authorized to sign)				(Signature of Contracting Officer)			

ARTICLE B-3 CONTRACT VALUE			
Basic Period Sep 98-30 Sep 03			
The contract value is summarized below:			
Contract Period	Estimated Cost	Available Award Fee*	Contract Value
Phase-In Period (FFP) (Sept 1998)	\$1,113,486		1,113,486
Basic Period Thru 432			
10/01/98-09/30/00	\$396,406,378	\$23,187,199	419,593,577
Neg. Cost Overrun MOD 135	\$9,200,000	\$0	9,200,000
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
Total FY99-FY00	\$405,606,378	\$23,187,199	428,793,577
(10/01/00-09/30/01)	\$215,635,118	\$13,106,768	228,741,886
Neg. Cost Overrun MOD 135	\$18,804,377	\$0	18,804,377
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
Total FY01	\$234,439,495	\$13,106,768	247,546,263
(10/01/01-09/30/02)	\$234,055,207	\$14,098,312	248,153,519
Neg. Cost Overrun MOD 135	\$19,865,904	\$0	19,865,904
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
Total FY02	\$253,921,111	\$14,098,312	268,019,423
(10/01/02-09/30/03)	\$247,365,902	\$15,357,411	262,723,313
Neg. Cost Overrun MOD 135	\$22,426,471	\$0	22,426,471
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
Total FY03	\$269,792,373	\$15,357,411	285,149,784
TOTAL BASIC PERIOD	\$1,164,872,843	\$65,749,690	1,230,622,533
Option Period 1 Oct 03 - 30 Sept 04			
Option 1A			
(10/01/03-09/30/04)	\$244,075,599	\$15,352,803	259,428,402
Neg. Cost Overrun MOD 135	\$22,135,767	\$0	22,135,767
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			0
Total FY04	\$266,211,366	\$15,352,803	281,564,169
Option 3BA			
(10/01/03-09/30/04)	\$2,322,030	\$185,762	2,507,792
Option 5BA			
(10/01/03-09/30/04)	\$321,092	\$25,687	346,779
TOTAL OPTION 1A PERIOD	\$268,854,488	\$15,564,252	284,418,740

<u>Option Period 1 Oct 04 - 30 Sept 06</u>			
Contract Period	Estimated Cost	Available Award Fee*	Contract Value
Options Thru Mod 432			
OPTION 1B			
(10/01/04-09/30/05)	\$278,673,577	\$17,043,983	295,717,560
Neg. Cost Overrun MOD 135	\$25,895,945	\$0	25,895,945
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No.			\$0
Total FY05	\$304,569,522	\$17,043,983	321,613,505
(10/01/05-09/30/06)	\$261,815,603	\$14,038,268	275,853,871
Neg. Cost Overrun MOD 135	\$29,101,654	\$0	29,101,654
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No. 428	(\$3,357,690)	(\$221,265)	(\$3,578,955)
Total FY06	\$287,559,567	\$13,817,003	301,376,570
Option 3BB			
10/01/04-09/30/05	\$2,391,149	\$191,292	2,582,441
10/01/05-09/30/06	\$2,477,883	\$198,231	2,676,114
Total Option 3BB	\$4,869,032	\$389,523	5,258,555
Option 5BB			
10/01/04-09/30/05	\$331,342	\$26,507	357,849
10/01/05-09/30/06	\$331,781	\$26,542	358,323
Total Option 5BB	\$663,123	\$53,049	716,172
TOTAL OPTION 1B Period	\$597,661,244	\$31,303,558	628,964,802
<u>Option Periods 1 Oct 06 - 30 Sep 08</u>			
Contract Period	Estimated Cost	Available Award Fee*	Contract Value
OPTION 1C			
(10/01/06-9/30/07)	\$265,852,878	\$15,630,254	281,483,132
Neg. Cost Overrun MOD 135	\$31,867,270	\$0	31,867,270
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No. 428	(\$5,664,693)	(\$407,953)	(6,072,646)
Total FY07	\$292,055,455	\$15,222,301	307,277,756
(10/01/07-9/30/08)	\$269,977,075	\$17,615,881	287,592,956
Neg. Cost Overrun MOD 135	\$33,448,837	\$0	33,448,837
Cost Overrun	\$0	\$0	0
Mod No. Cost Overrun			0
Mod No. 428	(\$5,897,454)	(\$471,795)	(6,369,249)
Total FY08	\$297,528,458	\$17,144,086	314,672,544

Option Periods 1 Oct 06 - 30 Sep 08 Cont.			
Option 3BC			
10/01/06-09/30/07	\$2,539,810	\$203,185	2,742,995
10/01/07-09/30/08	\$2,621,598	\$209,728	2,831,326
Total Option 3BC	\$5,161,408	\$412,913	5,574,321
Option 4BB			
10/01/04-09/30/05	\$0	\$0	0
10/01/05-09/30/06	\$0	\$0	0
Total Option 4BB	\$0	\$0	0
Option 4BC			
10/01/06-09/30/07	\$0	\$0	\$0
10/01/07-09/30/08	\$0	\$0	\$0
Total Option 4BC	\$0	\$0	\$0
Option 5BC			
10/01/06-09/30/07	\$332,204	\$26,576	358,780
10/01/07-09/30/08	\$341,511	\$27,321	368,832
Total Option 5BC	\$673,715	\$53,897	727,612
TOTAL OPTION 1C Period	\$595,419,036	\$32,833,197	628,252,233
TOTAL CONTRACT			
VALUE SEP98-SEP08	\$2,626,807,611	\$145,450,697	\$2,772,258,308
*Earned fees for past periods plus the available fees for future periods			
Exercised options are moved above the Total Contract Value Line.			

ARTICLE B-4 AWARD FEE

The amount of award fee earned, if any, shall be determined in accordance with Section J, Attachment J-8, Award Fee Evaluation Plan, and other provisions of this contract as applicable. The following specifies by award fee period the amount of available award fee, the amount of earned award fee, and the award fee score.

AF P	BASIC PERIOD OF PERFORMANCE		Available Award Fee Through Mod 432	Total Award Fee For Mod 428	Adjusted Available Award Fee	Earned Award Fee Mod 432	Earned Award Fee Mod 428	Earned Award Fee	Award Fee Score and Mod
1	10/01/98	03/31/99	\$7,681,869		\$7,681,869	\$6,146,144		\$6,146,144	80% Mod 15
2	04/01/99	09/30/99	\$6,033,858		\$6,033,858	\$4,826,665		\$4,826,665	80% Mod 36
3	10/01/99	03/31/00	\$7,837,000		\$7,837,000	\$6,731,039		\$6,731,039	86% Mod 57
4	04/01/00	09/30/00	\$6,451,003		\$6,451,003	\$5,483,352		\$5,483,352	85% Mod 75
5	10/01/00	03/31/01	\$7,589,239		\$7,589,239	\$6,754,934		\$6,754,934	89% Mod 99
6	04/01/01	09/30/01	\$6,976,249		\$6,976,249	\$6,348,388		\$6,348,388	91%Mod118
7	10/01/01	03/31/02	\$5,863,642		\$5,863,642	\$5,336,408		\$5,336,408	91%Mod127
8	04/01/02	09/30/02	\$9,798,867		\$9,798,867	\$8,765,356		\$8,765,356	92%Mod147
9	10/01/02	03/31/03	\$8,121,627		\$8,121,627	\$7,634,968		\$7,634,968	94%Mod167
10	04/01/03	09/30/03	\$8,128,883		\$8,128,883	\$7,722,439		\$7,722,439	95%Mod194
11	10/01/03	03/31/04	\$7,899,317		\$7,899,317	\$7,583,343		\$7,583,343	96%Mod220
12	04/01/04	09/30/04	\$8,227,738		\$8,227,738	\$7,980,906		\$7,980,906	97%Mod248
13	10/01/04	03/31/05	\$9,788,304		\$9,788,304	\$9,103,437		\$9,103,437	93%Mod 283
14	04/01/05	09/30/05	\$8,965,371		\$8,965,371	\$8,158,346		\$8,158,346	91%Mod325
15	10/01/05	03/31/06	\$9,221,727	(\$143,535)	\$9,078,192	\$7,561,818	(\$117,699)	\$7,444,119	82%Mod350
16	04/01/06	09/30/06	\$8,093,264	(\$125,080)	\$7,968,184	\$6,701,223	(\$103,566)	\$6,597,657	82.8%Mod393
17	10/01/06	03/31/07	\$8,812,622	(\$226,119)	\$8,586,503	\$7,050,095	(\$180,895)	\$6,869,200	80%Mod430
18	04/01/07	09/30/07	\$8,809,919	(\$227,058)	\$8,582,861				
19	10/01/07	03/31/08	\$8,916,783	(\$238,646)	\$8,678,137				
20	04/01/08	09/30/08	\$8,936,146	(\$233,149)	\$8,702,997				
GRAND TOTAL			\$162,153,428	(\$1,193,587)	\$160,959,841			\$145,450,696	Earned & Available

ARTICLE G-2		CONTRACT FUNDING				
Pursuant to FAR Clause 52.232.22, Limitation of Funds, funds presently allotted to this contract and the period through which they are estimated to be adequate are specified in the table below:						
The below table is created with the beginning values based on modification 371						
<u>As of MOD</u>	<u>Contract Value</u>	<u>Funded Cost</u>	<u>Funded Fee</u>	<u>Total Funded Cost/Fee</u>	<u>ADEQUATE THROUGH</u>	
Subtotal as of Mod 371	\$2,807,573,014	\$2,031,284,171	\$163,520,197	\$ 2,194,804,368	12/8/2006	
374	\$462,548					
376		\$3,239,869	\$259,190.00	\$ 3,499,059	12/15/2006	
377	\$244,132					
378	(\$13,628,301)					
379	(\$2,553,358)					
383		\$45,590,925	\$3,647,274	\$ 49,238,199	3/20/2006	
384	\$121,375					
385	(\$703,275)					
388	\$207,277					
389		\$14,362,829	\$1,149,027	\$ 15,511,856	2/13/2007	
391	(\$1,384,405)					
392	\$1,494,374					
393	(\$1,391,489)					
397	(\$1,733,940)					
399		\$69,924,188	\$5,593,935	\$ 75,518,123	5/16/2007	
408		\$2,608,945	\$208,716	\$ 2,817,661	5/20/2007	
410	(\$1,412,377)					
413		\$24,615,995	\$1,969,280	\$ 26,585,275	6/21/2007	
417	\$479,010					
418	\$500,602					
420		\$27,867,048	\$2,229,364	\$ 30,096,412	7/27/2007	
426		\$111,683	\$8,935	\$ 120,618		
428	(\$16,020,850)					
429		\$10,173,418	\$813,873	\$ 10,987,291	8/10/2007	
430	(\$1,761,683)					
431	\$1,765,654					
TOTAL	\$2,772,258,308	\$2,229,779,071	\$179,399,791	\$2,409,178,862		

3.1.1 Fire Protection Program

The contractor shall provide a comprehensive, professionally managed fire prevention, fire protection, and emergency services program for NASA-KSC, CCAFS, and Florida Annexes. Activities include: flight crew; high angle; confined space; aircraft; structural; vehicle and fire rescue; fire fighting; Return To Launch Sites (RTLS) support; emergency response and standbys per Technical Exhibit # 3.1.1-01; consolidated training per agency requirements; aircraft and facility pre-fire plans; fire inspection; fire permits (Burn/Petroleum, Oil, and Lubricants (POL)); fire prevention education, inspection and maintenance of fire extinguishers; fire protection engineering; and fire hydrant flow testing. National Fire Incident Reporting System (NFIRS); and hazardous material emergency response support; support technical fire and rescue investigations; emergency medical services, and other agreed to services with outside entities. The fire department shall maintain fire investigative unit personnel that are trained to complete timely and accurate investigations of fires at KSC, CCAFS, and the Florida Annexes. The contractor's Fire Chief shall actively participate in the local area mutual aid program. (Mod 428)

The contractor shall standardize uniforms, turn-out gear, Self-Contained Breathing Apparatus (SCBA), and associated equipment.

The contractor shall centralize the fire department's rapid response of Advanced Life Support (ALS) Emergency Medical Services (EMS), including transport, to provide services for KSC and CCAFS.

The fire department shall manage all emergency operations, large or small, with a consistent, nationally accepted Incident Management System that complies with NFPA. Personal Accountability on the incident scene shall be a priority consideration by the fire department's Incident Commander and shall be managed in compliance with NFPA.

The mission focus of the fire department shall be fire prevention. This mission shall be supported by the department's operations level, training and education section, and fire prevention unit, as well as through the use of required engineering disciplines to support the prevention posture of the fire department. The fire department shall use a system of work and personnel asset management to support the required missions of KSC, CCAFS, and the Florida Annexes.

The fire prevention unit shall, through a planned inspection program, continually assess the fire-safe posture of KSC, CCAFS, and the Florida Annexes based upon NFPA and State of Florida standards and requirements. The contractor shall identify problem areas and immediately correct imminent danger situations. All inspections shall be documented, with follow-up and closure activities, to ensure that deficiencies are corrected. The fire prevention unit shall test, inspect, and ensure the maintenance of fire extinguishers at KSC, CCAFS, and the Florida Annexes, according to NFPA's inspection frequency requirements. As part of its public fire and safety education programs the fire department shall provide periodic publications focused on fire prevention and safety.

3.1.1.1 Fire Stations. The fire department shall staff 5 fire stations in 2 divisions, 24 hours a day, 365 days a year, to meet the emergency response mission of KSC and CCAFS. The KSC shall have 1 task force station and 2 satellite stations and CCAFS shall have 1 task force station and 1 satellite station that are staffed to handle emergencies based against defined response matrixes. All emergency responses shall comply with OSHA 1910.134 requirements for required personnel on scene to enter a

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fire area. Emergency response at the Florida Annexes shall be accomplished through local mutual aid agreements. (Mod 428)

3.1.1.2 Fire Equipment and Services. The fire department shall conduct formalized shift turnover meetings to ensure that all on-duty personnel are informed of activities scheduled for their shift, including special scheduled work details, training requirements, and any special activities. Each shift shall perform detailed inspections of all emergency response apparatus and equipment, inspect their protective clothing, and ensure that all emergency response elements are functional. All fire apparatus pumps shall be tested annually per NFPA 1911; all aerial ladders shall be tested annually per NFPA 1914; and all ground ladders shall be tested annually per NFPA 1931. All fire department SCBA shall be tested and maintained annually per NFPA 1404 and manufacturer's requirements. All fire hoses shall be tested annually per NFPA 1962. The ~~Chief Officer~~, with responsibility for the fire apparatus and equipment at the Shuttle Landing Area, shall ensure that all equipment is inspected daily. The Shuttle Landing Facility (SLF) shall be manned during all aircraft operations outlined in Federal Aviation Regulation (FAR) Part 139. All fire department personnel shall be trained and qualified to respond to all aircraft take-offs and landings, to include aircraft emergencies and shuttle landings at KSC and CCAFS, in compliance with NFPA 403 and Federal Aviation Regulation (FAR) Part 139. (Mod 428)

Deleted: Division Chief

In addition, all fire department personnel shall be trained and equipped to respond to shipboard emergencies at the port. All emergency service and daily communications for the fire department shall be managed through the Joint Communications Control Center (JCCC). The fire department's Incident Commander on scene shall manage all emergency operations; all communications shall be through the dispatch center.

3.1.1.3 Response and Standbys. The fire department shall support all stand-by requirements of NASA-KSC and CCAFS through an "in-district" response readiness posture. In-district is defined as "fire rescue personnel and equipment to include Emergency Medical Service are available for immediate response to a scheduled hazardous operation within their response district in the event of an incident. They are not necessarily positioned in their respective station but may be in their geographical response district."

The fire department shall provide a rapid intervention crew to provide emergency back-up during interior fire ground operations when they exceed initial response guidelines. This concept of emergency response shall ensure that the required manpower and equipment are on scene and available to safely manage, contain, control, and mitigate emergencies at KSC and CCAFS. In addition, the fire department shall maintain, on each shift, personnel required to handle hazardous materials emergencies, special rescue emergencies, and emergency medical situations.

3.1.1.4 Rescue and Firefighting. The fire department shall meet all customer requirements for Orbiter flight crew rescue and response to Return to Launch Site Services (RTLS) and landing mishaps at KSC and CCAFS. The fire department shall support all training and demonstration requirements requested by the customer. All emergency response activities shall be compliant with OSHA requirements for required personnel on scene to enter a fire area.

3.1.1.5 Protective Clothing. All emergency service protective clothing (such as turn-out gear, Aircraft Rescue and Fire Fighting [ARFF] suits, HAZMAT suits, and uniforms) shall meet all current NFPA 1971, NFPA 1976, and OSHA requirements.

3.1.1.6 Health Examination and Physical Fitness. All combat/operations fire department personnel shall receive an annual medical physical based against an ergonomic review of the critical attributes required for emergency service operations. To ensure employee wellness, the fire department shall have physical fitness exercise requirements. Personnel shall exercise for a prescribed length of time during each on-duty shift. The fire department shall run an annual physical requirements test, which meets the requirements of NFPA 1500, based against the normal functions required on the fire ground. The test shall be used to establish a physical fitness baseline for each employee.

3.1.1.7 Minimum Personnel Qualifications. All fire department personnel assigned to combat operations shall meet Firefighter 2 and ARFF Firefighter qualifications. All firefighters who hold the rank of Driver shall be qualified to operate assigned fire apparatus (Structural/ARFF). Fire officers shall be qualified as Fire Officer I. Fire department training personnel shall meet Fire Instructor I qualifications. All fire inspection personnel assigned to perform fire inspections shall meet Fire Inspection I qualifications. Personnel assigned to perform as firefighter-paramedics shall meet all qualifications set forth by the contractor Medical Director and the State of Florida. All personnel assigned to perform specialized tasks, such as Astronaut Rescue, Technical Rescue, and Hazardous Material response shall be trained and qualified to perform said operations.

3.1.1.8 Fire Department Training. The fire department shall provide a fire service-training program that meets the requirements of OSHA and the NFPA Professional Qualifications standards. This training program shall provide classroom training from lesson plans, practical factor check-offs for required skills, drills, interactive exercises with support assets, college credit education programs, and evaluated drills.

All fire department members with an emergency response mission shall be required to meet annual training requirements consisting of the following: SCBA training, live fire training, driver training, HAZMAT training, a minimum of 12 fire training sessions, aircraft rescue and fire fighting, safety training, and fire prevention training. Additional requirements shall be assigned to meet the mission requirements of special skills training and the customer. All personnel assigned to the fire prevention unit shall receive training and course education on the requirements of their job (such as fire prevention inspections, testing of fire alarm systems, testing and maintenance of sprinkler systems, and fire extinguisher inspections). The fire department training program shall also run drills to ensure that all customer-established response times are maintained.

3.1.1.9 Fire Inspection and Prevention. The contractor shall develop and maintain a Fire Inspection program. The contractor shall participate in facility or operational walk downs as required by OMI. The contractor shall identify all reportable fire discrepancies and track these until closure. The contractor shall coordinate inspections and discrepancy closure with the SFOC, CAPPS, and other contractors.

Permits. The contractor shall prioritize and issue permits (Burn/POL) for scheduled, as well as short-notice, welding and burning/POL operations in all areas of KSC, CCAFS, and the Florida Annexes, except when other contractors may be responsible for issuing permits. Preceding the start of work AF request must be submitted 72 hours in advance and NASA request are 48 hours prior (Mod 428).

Fire Extinguishers. The contractor shall select, purchase, install, and inspect portable fire extinguishers for those facilities, and areas identified by the customer, in accordance

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Deleted: all facilities, and areas where portable extinguishers are required,

with NFPA 10. However, fire inspectors are only required to inspect fire extinguishers at KSC/CCAFS and Florida Annexes during the regularly scheduled facility inspection. (Mod 428)

Fire Prevention Education. The contractor shall conduct fire evacuation drills and train the KSC/CCAFS and Florida Annexes populace in maintaining good fire safety habits, recognizing and eliminating fire hazards, reporting fire or emergency situations and evacuating facilities identified by customers. The contractor shall ensure that fire protection requirements are included in activities and projects on KSC/CCAFS. (Mod 428)

Deleted: when required

3.1.1.10 Fire Protection Engineering. The contractor shall develop and implement a Fire Protection Engineering Program that shall govern KSC, CCAFS, and Florida Annexes. The contractor shall provide Fire Risk Analyses and Fire Protection Engineering Surveys for required NASA and USAF facilities.

The contractor shall witness all final acceptances of fire protection systems to ensure compliance with all applicable codes and standards.

The contractor shall perform review and support functions for design reviews on all new projects and modifications, including designs performed by other contractors. At a minimum, the initial and final stages of projects and modifications shall be reviewed.

3.1.1.11 Hazardous Material Emergency Response Support. The contractor shall respond to and mitigate all hazardous material spills or releases at KSC/CCAFS. Initial response to hazardous material incidents and spills at Florida Annexes shall be accomplished through Mutual Aid Agreements. The contractor shall respond as needed and shall follow-up on all hazardous materials incidents at these locations. The contractor shall maintain the government-provided HAZMAT vehicle with the necessary equipment and materials to support the task.

3.1.1.12 Fire Incident Reporting. Upon notification, the contractor shall report fire responses or incidents at KSC/CCAFS using the National Fire Incident Reporting System (NFIRS).

3.1.1.13 Fire Hydrant Flow Testing and Marking. The contractor shall develop a plan and flow test and mark all fire hydrants on KSC/CCAFS.

3.1.1.14 Immediate Danger to Life or Health Rescue Program. The Contractor will provide support in accordance with Technical Exhibit 3.1.1-01.(Mod 428)

3.1.1.15 On Site Standby Technical Rescue. On site standby technical rescue will be supported in accordance with Technical Exhibit 3.1.1-01 (Mod 428).

Deleted: shall establish and implement an Immediately Dangerous to Life or Health (IDLH) Rescue Program in accordance with Part 29 CFR 1910.134(g)(3), Respiratory Protection, and ensure that personnel performing rescue services are trained in accordance with Part 29 CFR 1910.120(q). The contractor shall provide an emergency rescue response team for the support of the heritage ELV programs and their associated payloads. ¶

Deleted: Support heritage programs and their associated payloads with providing on site standby rescue for hazardous operations when required. Technical Exhibit 3.1.1.15-01 contains requirements

02/02/07 - 9/30/08

CCAFS REFUSE COLLECTION

BLDG NR	LOCATION	TYPE	SIZE	QTY	FREQ	REMARKS
6	US COAST GD STA	Dumpster	8 CY	1	2	
7	US COAST GD STA	Dumpster	8 CY	1	2	
8	US COAST GD STA	Dumpster	8 CY	1	2	
1042	FUEL STORAGE #1	Dumpster	6 CY	1	1	
1047	FUEL STORAGE #1	Dumpster	6 CY	1	1	
1050	FUEL STORAGE #1	Dumpster	6 CY	1	1	
1061	NAVY EXCHANGE	Dumpster	8 CY	1	2	
1062	POV PROCESSING BLDG	Dumpster	8 CY	1	2	
1063	NAVY OUTPORT	Dumpster	8 CY	1	2	
1068	PASS & ID BLDG	Dumpster	8 CY	1	1	
1069	PORT CREW SHOP	Dumpster	8 CY	1	1	
1102	ROCC ANTENNA FIELD	Dumpster	6 CY	1	1	
1115A	HANGAR Y AREA, NORTH	Dumpster	6 CY	1	1	
1115B	HANGAR Y AREA, SOUTH	Dumpster	6 CY	1	1	
1117	HANGAR Y AREA, OPS WHSE	Dumpster	6 CY	1	1	
1260	EOD RANGE	Dumpster	6 CY	1	1	
1305A	DELTA OPS	Dumpster	6 CY	1	1	
1361	STEARNS ROGERS BLDG	Dumpster	6 CY	1	1	
1381	FORMER CST GD-REMEDIATION	Dumpster	6 CY	1	1	
1383A	WEATHER BLDG	Dumpster	8 CY	1	1	
1385	NASA BOC STORAGE BLDG	Dumpster	6 CY	1	1	
1428	NRC BLDG	Dumpster	8 CY	1	1	
1604	HANGAR H	Dumpster	6 CY	1	1	
1606	HANGAR G	Dumpster	8 CY	1	1	
1608	MAINTENANCE SHOP	Dumpster	8 CY	1	1	
1611	HANGAR F	Dumpster	6 CY	1	1	
1612	HANGAR E	Dumpster	6 CY	1	1	
1619	OPTICAL EQUIP STORAGE	Dumpster	6 CY	1	1	
1622	EOD BLDG	Dumpster	8 CY	1	1	
1623	AF SUPPLY WHSE	Dumpster	6 CY	1	1	
1628	HEAVY METAL PAINT SHOP	Dumpster	6 CY	1	1	
1635	RIGGING SHOP	Dumpster	6 CY	1	1	
1638	CCC PROGRAMMING BLDG	Dumpster	2 CY	1	1	
1645	RANGE CONTROL CENTER	Dumpster	8 CY	1	2	
1663	TV OPERATIONS	Dumpster	6 CY	1	1	
1704	E&L BLDG NE	Dumpster	6 CY	1	2	
1708B	R&D HANGAR SW	Dumpster	8 CY	2	2	
1711	HANGAR I	Dumpster	6 CY	1	1	
1722	CCC PROGRAMMING	Dumpster	6 CY	1	1	
1724	PHYSICAL STANDARDS LAB	Dumpster	6 CY	1	1	
5550	HANGAR LITTLE J	Dumpster	6 CY	1	2	
1726	HANGAR S	Dumpster	6 CY	1	2	
1726A	HANGAR S	Dumpster	6 CY	1	2	
1728	HANGAR N	Dumpster	8 CY	1	1	
1731	HANGAR M	Dumpster	6 CY	1	1	
1733	E&A BLDG	Dumpster	6 CY	2	1	
1739	HANGAR T	Dumpster	6 CY	1	1	
1744	HANGAR U	Dumpster	6 CY	2	1	
1744A	HANGAR U	Dumpster	6 CY	1	1	
1748	CAPE CAFETERIA	Dumpster	8 CY	1	5	
1777	LAUNCH SUPPORT FAC	Dumpster	6 CY	1	1	
3100	COMPLEX 46	Dumpster	6 CY	1	1	
5401	COMPLEX 11	Dumpster	8 CY	1	1	
5951	COAST GUARD-CMPLX 21 BLOCKHOUSE	Dumpster	6 CY	1	1	
18800	COMPLEX 20 BLKHOUSE	Dumpster	8 CY	1	1	
24450	COMPLEX 18	Dumpster	6 CY	1	1	
28417	COMPLEX 17 PAD B	Dumpster	8 CY	1	1	
29150	PUMP STATION #7	Dumpster	4 CY	1	1	
34705	TEST GROUP FACILITY	Dumpster	8 CY	2	2	
36004	COMPLEX 17	Dumpster	6 CY	2	1	
1723	TRAINING FAC	Dumpster	6 CY	1	1	
38315	AF/NASA WHSE #2	Dumpster	6 CY	1	1	
39761	GPS/PRESS SITE #2	Dumpster	6 CY	1	1	
40906	PUMP STATION #1	Dumpster	4 CY	1	1	

02/02/07 - 9/30/08						
CCAFS REFUSE COLLECTION						
BLDG NR	LOCATION	TYPE	SIZE	QTY	FREQ	REMARKS
41109	SPACE MUSEUM	Dumpster	6 CY	1	1	
41303	SPACE MUSEUM HUT	Dumpster	6 CY	1	1	
44401	PHOTO OPS SUPPORT	Dumpster	6 CY	1	1	
44410	PHOTO OPERATIONS	Dumpster	6 CY	1	1	
44600	I&E BUILDING	Dumpster	6 CY	1	1	
44603	ROADS & GROUNDS FAC	Dumpster	6 CY	1	1	
44625	GENERATOR SHOP	Dumpster	6 CY	1	1	
44645	CORROSION CONTROL FAC	Dumpster	8 CY	1	1	
44810	HANGAR AA	Dumpster	6 CY	2	1	
49536	HANGAR LITTLE U	Dumpster	6 CY	1	1	
49635	DISPENSARY	Dumpster	8 CY	1	1	
49639	CENTRAL COMPUTER CPX	Dumpster	6 CY	1	1	
49750	ALT CENT SECURITY CONT	Dumpster	6 CY	1	1	
49760	VEHICLE WASH FACILITY	Dumpster	2 CY	1	1	
49835	HEAVY EQUIPMENT SHOP	Dumpster	6 CY	1	3	
49904	SAB	Dumpster	6 CY	1	1	
49926	OPS SUPPORT FAC	Dumpster	6 CY	1	1	
50160	RADAR BLDG MCS	Dumpster	6 CY	1	1	
50801	ROCKET STORAGE BLDG	Dumpster	6 CY	1	1	
50803	ROCKET CHECKOUT BLDG	Dumpster	6 CY	1	1	
51900	DISASTER PREP BLDG CX 25	Dumpster	8 CY	1	1	
52001	CX 25 BRITISH SUPPORT FAC	Dumpster	6 CY	1	1	
54731	WW TREATMENT PLANT	Dumpster	4 CY	1	1	
54800	CHEM LAB	Dumpster	6 CY	1	1	
54805	TITAN AGE/CSR ANTENNA	Dumpster	6 CY	1	1	Descope By 04/28/08-CCR 05-54
54815	NAVY TRAINING BLDG	Dumpster	6 CY	1	1	
54915	MRL BLDG	Dumpster	6 CY	2	2	
55005	HANGAR M ANNEX	Dumpster	6 CY	1	1	
55150	HANGAR I ANNEX	Dumpster	8 CY	1	2	
55810	NPF/PSF AREA 59	Dumpster	8 CY	1	1	
55850	NPF/PSF AREA 59	Dumpster	6 CY	1	1	
55865	NPF/PSF AREA 59	Dumpster	8 CY	1	1	
55895	MARTIN MODULAR	Dumpster	6 CY	1	1	
56921	COMPLEX 30 SOUTH FAC	Dumpster	6 CY	1	1	
56940	CPX 30 DEF ORD FAC	Dumpster	6 CY	1	1	
57511	MACCA (AP)	Dumpster	6 CY	1	1	
57512	MACCA (AQ)	Dumpster	6 CY	1	1	
60530	AO BLDG	Dumpster	6 CY	2	2	
60650	E&O BLDG	Dumpster	6 CY	1	1	
60680	AE BLDG	Dumpster	6 CY	1	1	
60701	SECURITY CONTROL	Dumpster	6 CY	1	1	
60705	COMM BLDG	Dumpster	8 CY	1	1	
60717	PICNIC PAVILLION	Dumpster	4 CY	1	1	
60740	CAPE HEADQUARTERS	Dumpster	4 CY	1	1	
60748	CONST MATERIAL BLDG	Dumpster	8 CY	1	1	
62610	BLDG Z (LOCKHEED)	Dumpster	6 CY	1	1	
62615	NOTU TEST OPS	Dumpster	6 CY	1	1	
62630	LMSC SHIP/RECEIVING EAST	Dumpster	6 CY	1	1	
62630A	LMSC SHIP/RECEIVING WEST	Dumpster	6 CY	1	1	
62700	GUIDANCE TEST BLDG	Dumpster	6 CY	1	1	
62820	MACCA (AG)	Dumpster	6 CY	1	1	
62720	WASTE WATER TREATMENT FAC	Dumpster	6 CY	1	1	
62960	MACCA (AJ)	Dumpster	6 CY	1	1	
62980	MACCA (AK)	Dumpster	6 CY	1	1	
62990	MACCA (AL)	Dumpster	6 CY	1	1	
63000	MACCA (AH)	Dumpster	6 CY	1	1	
66232	CARPENTER SHOP	Dumpster	6 CY	1	1	
66242	WEST WASH BLDG	Dumpster	6 CY	3	1	
66249	NASA DESERVICING FAC	Dumpster	6 CY	1	2	
66250	HANGAR AF NW	Dumpster	8 CY	2	2	
66251	HIGH PRESSURE GAS FAC	Dumpster	6 CY	1	2	
66330	APOLLO WHSE	Dumpster	6 CY	1	1	
66336	NASA WASTE/SAND BLAST	Dumpster	8 CY	1	1	
66505	LITTLE L	Dumpster	6 CY	1	1	

02/02/07 - 9/30/08						
CCAFS REFUSE COLLECTION						
BLDG NR	LOCATION	TYPE	SIZE	QTY	FREQ	REMARKS
66620	DRMO	Dumpster	6 CY	1	1	
68220	NOTU BLDG	Dumpster	6 CY	1	1	
70000	ITL SMAB	Dumpster	8 CY	1	1	
70503	VIB	Dumpster	8 CY	1	1	
70510	ITL WAREHOUSE (NE)	Dumpster	8 CY	1	1	Descope By 12/27/07-CCR 05-54
70510A	ITL WAREHOUSE (E)	Dumpster	8 CY	1	1	Descope By 12/27/07-CCR 05-54
70535	ITL FIRE STATION	Dumpster	6 CY	1	2	
70540	AGE WAREHOUSE	Dumpster	8 CY	1	2	
70659	X-RAY BLDG	Dumpster	6 CY	1	1	
72810	LOADING DOCK FSA #2	Dumpster	6 CY	1	1	
72905	ADMIN BLDG FSA #2	Dumpster	8 CY	1	1	
73700	SPIN TEST SUPPORT FAC	Dumpster	6 CY	1	1	
77350	EMT FSA #2	Dumpster	6 CY	1	1	
79150	TRIDENT BASIN AREA	Dumpster	8 CY	2	1	
79150A	TRIDENT BASIN AREA	Dumpster	8 CY	1	1	
79150B	TRIDENT BASIN AREA	Dumpster	8 CY	1	1	
79150C	TRIDENT BASIN AREA	Dumpster	8 CY	1	1	
79150D	TRIDENT BASIN AREA	Dumpster	8 CY	1	1	
80505	MISSILE TEST RES BLDG, FSA	Dumpster	6 CY	1	1	
81585	COMMAND CONTROL BLDG	Dumpster	4 CY	1	1	
81701	NAVY VEH MAINT/ADMIN	Dumpster	6 CY	1	1	
81900	ROCC	Dumpster	6 CY	4	1	
83600	LANDFILL	Dumpster	6 CY	1	1	
85110	SUPPORT FAC FSA #4	Dumpster	6 CY	1	1	
85125	DELTA OPS FAC	Dumpster	8 CY	1	2	
85202	NAVY AGE STORAGE FAC	Dumpster	6 CY	1	1	
88900	NAVY GREENHOUSE	Dumpster	6 CY	1	2	
88900A	NAVY GREENHOUSE	Dumpster	6 CY	1	2	
90302	DASO HQ BUILDING	Dumpster	8 CY	1	1	
90540	POSEIDON WHARF EAST	Dumpster	8 CY	1	2	
90540A	POSEIDON WHARF EAST	Dumpster	8 CY	1	2	
90540B	POSEIDON WHARF WEST	Dumpster	8 CY	1	2	
90540C	POSEIDON WHARF WEST	Dumpster	8 CY	1	2	
90540D	POSEIDON WHARF CENTER	Dumpster	8 CY	1	2	
90540E	POSEIDON WHARF CENTER	Dumpster	8 CY	1	2	
DUMPSTERS TO BE EMPTIED MONTHLY						
7001	COMPLEX 12	Dumpster	8 CY	1	1	
8803	COMPLEX 13 PAD SAFETY	Dumpster	4 CY	1	1	
1648C	COMPLEX 14	Dumpster	6 CY	1	1	
10751	CSR ENGINEERING CX 15	Dumpster	4 CY	1	1	
13123	COMPLEX 16	Dumpster	6 CY	1	1	
15730	COMPLEX 19	Dumpster	4 CY	1	1	
1348	HANGAR C	Dumpster	6 CY	1	1	
27200	LAUNCH OPS CONT CTR	Dumpster	8 CY	1	1	
BLDG NR	LOCATION	TYPE	SIZE	QTY		
MSC	ON-BOARD SHIPS	Dumpster	8 CY	3	1	
METAL COLLECTION DUMPSTER TO BE EMPTIED QUARTERLY						
BLDG NR	METAL COLLECTION	TYPE	SIZE	QTY		
1063	PORT AREA WHSE	Metal Dumpster	2 CY	1	1	
1115	HANGAR Y	Metal Dumpster	2 CY	2	1	
1708	R&D HANGAR	Metal Dumpster	4 CY	1	1	
1708	R&D HANGAR	Metal Dumpster	6 CY	1	1	
1744	HANGAR U	Metal Dumpster	2 CY	2	1	
1744	LITTLE U	Metal Dumpster	6 CY	1	1	
85200	NAVY STORAGE BUILDING	Metal Dumpster	2 CY	2	1	
BLDG NR	REGULATED FOOD WASTE	TYPE	SIZE	QTY		
1363	NAVY PORT	Container	2 CY	1		
50211	SKID STRIP AIRFIELD	Container	2 CY	1		
J6-2362	SHUTTLE LANDING FACILITY	Container	2 CY	1		

02/02/07 - 9/30/08		CCAFS REFUSE COLLECTION							
BLDG NR	LOCATION	TYPE	SIZE	QTY	FREQ	REMARKS			
EMPTIED ONCE PER WEEK									
BLDG NR	GENERAL PURPOSE CANS	TYPE	SIZE	QTY					
GUARDSHACKS	MAIN GATE	Cans	30 gal	3					
VARIOUS FREQUENCIES									
BLDG NR	BULK COLLECTION ROLLOFFS	TYPE	SIZE	QTY					
1062	PORT AREA WHSE	ROLLOFF	20 CY	1					
1115	HANGER Y	ROLLOFF	30 CY	1					
80505	FUEL STORAGE AREA 2	ROLLOFF	20 CY	1					
44600	I AND E CARP SHOP - WOOD COLLECTION	ROLLOFF	30 CY	1					
EMPTIED WEEKLY									
BLDG NR	BULK COLLECTION ROLLOFFS	TYPE	SIZE	QTY	WKLY				
66620	DRMO	ROLLOFF	30 CY	1	1				

Hazardous Operations Requiring CCAFS Fire Department Standby:

Location	Procedure	Requirement	Fire Department How To Support/ Resources
Complex 20	LO2 Tanker Offload	Operations Safety Plan, Complex 20	In-Station
Army Wharf	Otto Fuel II Offload	Operations Safety Plan, Army Outport	In-Station
Trident/Poseidon Wharf	Trident Missile Processing Ops	Operations Safety Plan, Trident Wharf	In-Station
Trident/Poseidon Wharf	USCG & SDDC (AOP) Ordnance Ops	Operations Safety Plan, Trident Wharf	In-Station
Skid Strip	Pegasus Launch Day	Operations Safety Plan, Skid Strip	In-Station
SPIF	System Leak Check, Fuel & Ox	29 CFR 1910.120 and .134, HAZWOPER / Respiratory Protection	5 person IDLH
SPIF	Connection/Removal of Gauges, Fuel & Ox	29 CFR 1910.120 and .134, HAZWOPER / Respiratory Protection	5 person IDLH
SPIF	Pressurization & Vent Functional Checks, Fuel & Ox	29 CFR 1910.120 and .134, HAZWOPER / Respiratory Protection	5 person IDLH
SPIF	Propellant Operations Fuel & Ox	29 CFR 1910.120 and .134, HAZWOPER / Respiratory Protection	5 person IDLH
SPIF	System Leak Check Fuel & Ox	29 CFR 1910.120 and .134, HAZWOPER / Respiratory Protection	5 person IDLH
SPIF	S/C Fueling Ops	29 CFR 1910.120 and .134, HAZWOPER / Respiratory Protection	5 person IDLH
SPIF	Hoisting Fueled S/C	Operations Safety Plan, SMAB/SPIF	In-Station
FSA #1	Fuel Ops (Areas 77800 & 77611 if Deluge Non-Operational)	Operations Safety Plan, Fuels #1	In-Station / If deluge is Non-Operational fire crew will be on-site
Delta IV	LH2 Tank Loading and Sampling	Operations Safety Plan, Trident Wharf	In-Station
Delta IV - CX 37	ACS Propellant Servicing w/N2H4	29 CFR 1910.120 and .134, HAZWOPER / Respiratory Protection	5 person IDLH Team plus 2 medics
Delta IV - CX 37	Launch Day Pad Operations	Operations Safety Plan, Trident Wharf	In-Station
Delta IV - CX 37	Wet Dress Rehearsal	Operations Safety Plan, CX37/HIF	In-Station
Delta IV	S/C Hoist & Mate	Operations Safety Plan, CX37/HIF	In-Station
Delta IV	LH2 System Qualification	Operations Safety Plan,	In-Station

		CX37/HIF	
Delta IV – CX 37	S/C De-mate	Operations Safety Plan, CX37/HIF	In-Station
Delta IV	Emergency Payload Propellant Offload	29 CFR 1910.120 and .134, HAZWOPER / Respiratory Protection	5 person IDLH
Delta II – CX 17	Launch Day Arming & Tower Roll	Operations Safety Plan, CX17	On-site
Delta II – CX 17	F-91 Task 4 Filling LOX Storage Tank	Operations Safety Plan, CX17	On-Site
Delta II – CX 17	F-91 Task 1 Filling Fuel (RP-1) Storage Tank	Operations Safety Plan, CX17	On-Site
Delta II – CX 17	F-13 LOX Leak Checks	Operations Safety Plan, CX17	On-Site
Delta II – CX 17	F-10 RP-1 Fuel Quals	Operations Safety Plan, CX17	On-Site
Delta II – CX 17	S/C Erection	Operations Safety Plan, CX17	On-Site
Complex 17	2 nd Stage Propellant Servicing & ACS Loading	29 CFR 1910.120 and .134, HAZWOPER / Respiratory Protection	5 person IDLH Team plus 2 medics
Delta II – CX 17	Hypergolic Igniter Installation	Operations Safety Plan, CX17	On-Site
Area 59	PSF 3 rd Stage NCS Load	29 CFR 1910.120 and .134, HAZWOPER / Respiratory Protection	5 person IDLH
Area 59	DPF S/C Fuel Sample	29 CFR 1910.120 and .134, HAZWOPER / Respiratory Protection	5 person IDLH
Area 59	DPF S/C Fuel Load	29 CFR 1910.120 and .134, HAZWOPER / Respiratory Protection	5 person IDLH
Atlas V	LH2 Storage Tank Fill/Drain	Operations Safety Plan, Atlas V	In-Station
Atlas V	LH2 Storage Tank Samples	Operations Safety Plan, Atlas V	In-Station
Atlas V	LH2 Cold Flow	Operations Safety Plan, Atlas V	In-Station
Atlas V	LH2 Burn Stack Maintenance	Operations Safety Plan, Atlas V	In-Station
Atlas V	Hydrazine Flight Loading, Off-loading, Clean-Up, and Sampling	29 CFR 1910.120 and .134, HAZWOPER / Respiratory Protection	5 person IDLH Team plus 2 medics
Atlas V	Hydrazine Contingency Off-loading Operations	29 CFR 1910.120 and .134, HAZWOPER / Respiratory Protection	5 person IDLH Team plus 2 medics
Atlas V	Wet Dress Rehearsal (WDR) RP-1/Cryogenic Tanking/Detanking Operations	Operations Safety Plan, Atlas V	In-Station
Atlas V	Spacecraft Erection/De-erection Operations	Operations Safety Plan, Atlas V	In-Station

NAS10-99001
Mod 428

Attachment J5, Technical Exhibit 3.1.1-01
As of August 2006

Atlas V	Launch Countdown Operations (On Pad)	Operations Safety Plan, Atlas V	In-Station
Fallback	LDCG Support	Consolidated Comprehensive Emergency Management Plan (CCEMP)	On-Site

J5, Technical Exhibit # 3.1.2-03
Baseline Realignment Security Posture for FY04 – 08

The following FY04-08 Security Posture Baseline Realignment Table reflects Government post-9/11 requirements. The table includes the pre-9/11 and CCRs 02-22-NOTU Security Boat Operation, 02-31-Increased Shuttle Support, and 02-32-Increased Force Protection Safeguard requirements.

It continues the 2003 Cape Port Gate concept-of-operation. Port gate is secured; access to Port is through the Cape South Gate into the NOTU area. Port gate may be opened as customer call-up short-term variable requirement.

Reassignment of security personnel between posts is allowed in order to provide flexibility for overall security police force operations (e.g. surge capability and operational efficiencies). **Mod 379**

FY04-08 Security Posture Baseline - Table

KSC Security

Description	Requirement
Law Enforcement - North	1/24/7
LC 39 Rover	1/24/7
F Gate/VAB	1/24/7
VAB Protection	1/24/7
OPF Bay 1 Gate	1/24/7
OPF Bay 3 Gate	1/24/7
OPF Protection	1/24/7
LCC Gate E	1/24/7
Facility Rover	1/24/7
Pad A Gate	1/24/7
Pad B Gate	1/24/7
Pad A Rover	1/24/7
Law Enforcement - South	1/24/7
SSPF	1/24/7
Escort Unit	1/16/5
Relief Rover	2/24/7
Gate 3	2/24/7
Gate 2	2/24/4
	2/18/1
Gate 4	2/24/7
Law Enforcement - KSCVC	1/8/7
River Boat Patrol	1/24/7
Air Boat Patrol	1/24/7
CCAFS E-25 FSA #1	1/16/5
Emergency Response Team	5/24/7
Emergency Response Team Commander	1/8/5
Emergency Response Team Supervisors	3/8/5
K-9 Handlers	1/24/7
North Area Supervisor	1/24/7
South Area Supervisor	1/24/7
Resource Protection/(CLS)	2/8/5

VAB C-Gate 1/10/5

Air Force (CCAFS Security)

Description	Requirement
Installation Patrols (2)	2/24/7
Vehicle Inspection Response Force	1/24/7
South Cape Response Force #1	2/24/7
Central Cape Response Force	2/24/7
XY Internal Response Force	1/24/7
South Gate	1/24/7
South Gate Asst	1/24/7
South Gate Vehicle Inspector	1/12/7
Area 59 (NPF) Internal Response Force	1/24/7
Cape River Patrol (Airboat)	1/16/7
Area Supervisor	1/24/7

Deleted: Air Force

Deleted: ITL SRT (2)

Deleted: 2/24/7

Deleted: SMAB Internal Response Force

Deleted: 1/24/7

ROCC - JON 57426000 Air Force

Description	Requirement
ROCC Internal Response Force	2/24/7
EELV - Air Force	
Delta IV, (SLC 37)	2/24/7
Atlas V, VIF (SLC 41)	2/24/7
Titan - JON 82000000 (Deleted Mod 308)	

Titan - JON 81000000 (Deleted Mod 308)**Delta - JON 71000000**

Description	Requirement
SLC 17 Internal Response Force	2/24/7

NOTU - JON 07200000

Description	Requirement
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Marine Patrol	2/24/7
Supervisor	1/8/5

Deleted: NOTU Rover

Deleted: 1/8/7

JOINT Security POOL

Description	Requirement
Security Management	6/8/5
Administrative Personnel	12/8/5
Shift Ops & Scheduling Supervisors	17/8/5
Quality & Safety	1/8/5
Plans Supv.	2/8/5
Resource Protection	4/8/5
Investigations	3/8/5
Training and CATM	12/8/5
K-9 Supv & Handlers	3/8/5
Boat Ops Asst & CATM Asst.	2/8/5
Armorers & Supply Asst	13/8/5
Badging & Supv	22/8/5

J-BOSC TECHNICAL EXHIBIT 5.5-826 **CCAFS GROUNDS AREAS and REQUIREMENTS**

PLOT NUMBER	AREA DESCRIPTION	PR-01 IMPVD GRNDS	PR-02 SEMI-IMPVD "A" GRND	PR-03 SEMI IMPVD "B" GRND	SPECIAL REQUIREMENTS			
1	CX 41 N/E	X	X		30' CLEAR ZONE @ FENCELINE			
2	CX 41 N/W	X	X		30' CLEAR ZONE @ FENCELINE			
3	CX 41 S/E	X	X		30' CLEAR ZONE @ FENCELINE			
4	CX41 S/W	X	X		30' CLEAR ZONE @ FENCELINE			
5	PHILLIPS PARKWAY TO CX41							
6	N. PERIMETER RD TO CX41		X					
7	RAILROAD TRACKS			X				
8	PHILLIPS PARKWAY TO CX41		X					
9	PHILLIPS PARKWAY TO CX41		X					
10	JFKSC/CCAFS BOUNDRY		X		CCAFS SIDE OF FENCE			
11	JFKSC/CCAFS BOUNDRY		X		CCAFS SIDE OF FENCE			
12	CX40 N/E	X	X		30' CLEAR ZONE @ FENCELINE			
13	CX40 N/W	X	X		30' CLEAR ZONE @ FENCELINE			
14	N. PERIMETER RD TO CX41		X					
15	PHILLIPS PARKWAY		X					
16	CX40 S/E	X	X		30' CLEAR ZONE @ FENCELINE			
17	CX40 S/W	X	X		30' CLEAR ZONE @ FENCELINE			
18	N. X-PORTER RD TO CX40		X					
19	N. X-PORTER RD TO CX40		X					
20	N. PERIMETER RD TO CX41		X					
21	PHILLIPS PARKWAY		X					
22	POWER LINE ACCESSSS							
23	N. PERIMETER RD @ FAC69800		X					
24	N. PERIMETER RD @ FAC 69800		X					
25	PHILLIPS PARKWAY TO CX47		X					
26	POWER LINE ACCESS							

J-BOSC TECHNICAL EXHIBIT 5.5-826
CCAFS GROUNDS AREAS and REQUIREMENTS

PLOT NUMBER	AREA DESCRIPTION	PR-01 IMPVD GRNDS	PR-02 SEMI-IMPVD "A" GRND	PR-03 SEMI IMPVD "B" GRND	SPECIAL REQUIREMENTS			
27	PHILLIPS PARKWAY TO CX47		X	X				
28	N. TRANSMITTER RD @70004		X		30' CLEAR ZONE @ FENCELINE			
29	N. TRANSMITTER RD @ 70004		X		30' CLEAR ZONE @ FENCELINE			
30	PHILLIPS PARKWAY TO CX 47		X	X				
31	CX37		X	X				
32	PHILLIPS PARKWAY TO CX47		X	X				
33	PIPELINE ROADWAY			X				
34	PIPELINE ROADWAY			X				
35	PUMP STATION #6		X		30' CLEAR ZONE @ FENCELINE			
36	TITAN III AREA		X		30' CLEAR ZONE @ FENCELINE			
37	TITAN III AREA		X		30' CLEAR ZONE @ FENCELINE			
38	TITAN III AREA		X		30' CLEAR ZONE @ FENCELINE			
39	TITAN III AREA		X		30' CLEAR ZONE @ FENCELINE			
40	CX34 N/W		X	X				
41	DITCHES OF PHILLIPS PARKWAY			X				
42	PHILLIPS PARKWAY @ 43400		X	X				
43	PHILLIPS PARKWAY @ 43302		X	X				
44	CX34 N/E		X	X				
45	CX 34 S		X	X				
46	PHILLIPS PARKWAY TO 43400		X	X				
47	TITAN ROAD		X					
48	TITAN ROAD		X					
49	CX20 N/E		X	X	30' CLEAR ZONE @ FENCELINE			
50	CX20 N/W		X	X	30' CLEAR ZONE @ FENCELINE			
51	ROAD TO CX34		X	X				
52	PHILLIPS PARKWAY AT ICBM RD		X	X				

**J-BOSC TECHNICAL EXHIBIT 5.5-826
CCAFS GROUNDS AREAS and REQUIREMENTS**

PLOT NUMBER	AREA DESCRIPTION	PR-01 IMPVD GRNDS	PR-02 SEMI-IMPVD "A" GRND	PR-03 SEMI IMPVD "B" GRND	SPECIAL REQUIREMENTS
53	CX20 S/E	X	X	X	30' CLEAR ZONE @ FENCELINE
54	CX20 S/W		X		30' CLEAR ZONE @ FENCELINE
55	ICBM RD TO CX20	X	X		PLANT BEDS, SHRUBS, FIRE BREAK
56	ICBM AND PHILLIPS PKWY		X	X	FIRE BREAK
57	ROAD TO FAC 48940		X	X	
58	TITAN ROAD AT FAC 59926		X	X	30' CLEAR ZONE @ FENCELINE
59	CX 19 N/E	X	X	X	PLANT BEDS, SHRUBS
60	CX19 N/W		X	X	
61	CX19 S/E			X	
62	CX19 S/W		X		PLANT BEDS, SHRUBS
63	PHILLIPS PKWY TO TITAN RD		X		HEDGES
64	TITAN RD AT PHILIPS PKWY	X	X		HEDGES
65	TITAN RD TO PHILLIPS PKWY		X		
66	CX16 N/E		X		
67	CX19 N/W		X	X	
68	CX 16 S/E		X	X	FIRE/SECURITY BREAK
69	CX 16 S/W		X		
70	ICBM AT CX 16		X	X	
71	HEAVY LAUNCH ROAD		X		FIRE/SECURITY BREAL
72	HEAVY LAUNCH ROAD		X	X	
73	CAPE AND HANGAR ROAD		X		
74	N/W OF HANGAR RD			X	
75	N/W OF HANGAR RD			X	
76	CX 15 N/E			X	
77	CX 15 N/W			X	
78	CX 15 S/E			X	

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J-BOSC TECHNICAL EXHIBIT 5.5-826 **CCAFS GROUNDS AREAS and REQUIREMENTS**

PLOT NUMBER	AREA DESCRIPTION	PR-01 IMPVD GRNDS	PR-02 SEMI-IMPVD "A" GRND	PR-03 SEMI IMPVD "B" GRND	SPECIAL REQUIREMENTS			
79	CX 15 S/W		X	X				
80	CX 14 N/E			X				
81	CX14 N/W		X	X				
82	CX14 S/E			X				
83	CX14 S/W		X	X				
84	ICBM RD AT FAC 16304	X	X	X	TREES, SHRUBS, PLANT BEDS			
85	CONTROL ROAD AT FAC 34525		X	X				
86	HEAVY LAUNCHED		X	X				
87	INDUSTRIAL AREA N/W	X			TREES, SHRUBS, HEDGES, PLANT BEDS			
88	INDUSTRIAL AREA N	X			TREES, SHRUBS, HEDGES, PLANT BEDS			
89	INDUSTRIAL AREA N/E	X			TREES			
90	INDUSTRIAL AREA N/E	X	X		TREES, SHRUBS, PLANT BEDS			
91	INDUSTRIAL AREA N	X			TREES, SHRUBS, HEDGES			
92	INDUSTRIAL AREA W	X		X	TREES, SHRUBS, HEDGES, PLANT BEDS			
93	INDUSTRIAL AREA W	X			TREES, SHRUBS, HEDGES, PLANT BEDS			
94	INDUSTRIAL AREA W	X			TREES, SHRUBS, HEDGES, PLANT BEDS			
95	INDUSTRIAL AREA CENTRAL	X			TREES, SHRUBS, HEDGES, PLANT BEDS			
96	INDUSTRIAL AREA W	X			TREES, SHRUBS, HEDGES, PLANT BEDS			
97	INDUSTRIAL AREA E	X						
98	INDUSTRIAL AREA CENTRAL	X						
99	INDUSTRIAL AREA W	X			TREES, HEDGES			
100	INDUSTRIAL AREA W	X						
101	CX13 N/E		X	X				
102	CX13 N/W		X	X				
103	CX13 S/E		X					
104	CX13 X/W		X					

J-BOSC TECHNICAL EXHIBIT 5.5-826 **CCAFS GROUNDS AREAS and REQUIREMENTS**

PLOT NUMBER	AREA DESCRIPTION	PR-01 IMPVD GRNDS	PR-02 SEMI-IMPVD "A" GRND	PR-03 SEMI IMPVD "B" GRND	SPECIAL REQUIREMENTS			
105	ICBM ROAD AT CX13		X	X				
106	FACILITY 34708	X	X		JOGGING TRAIL, FENCELINE			
107	MERCURY ROAD		X	X	JOGGING TRAIL			
108	MERCURY ROAD	X		X	TREES, SHRUBS, HEDGES, PLANT BEDS, JOGGING TRAIL			
109	INDUSTRIAL AREA E	X			JOGGING TRAIL			
110	INDUSTRIAL AREA S/E	X			JOGGING TRAIL			
111	INDUSTRIAL AREA S	X			TREES			
112	INDUSTRIAL AREA S	X			TREES, SHRUBS, HEDGES, PLANT BEDS			
113	INDUSTRIAL AREA S/W	X			TREES, SHRUBS, HEDGES, PLANT BEDS			
114	INDUSTRIAL AREA S	X			MOW BALL FIELD .5" TO 1.5", HEDGES			
115	INDUSTRIAL AREA S/W	X		X	TREES, SHRUBS, PLANT BEDS			
116	CX12		X	X				
117	ICBM ROAD AT CX12		X	X	FIRE/SECURITY BREAK			
118	CENTRAL CONTROL ROAD		X	X	TRAIL, FIRE/SECURITY BREAK			
119	FACILITY 50221	X	X	X	HEDGES, PLANT BED, FIRE BREAK, JOGGING TRAIL, SKID STRIP			
120	SKIDSTRIP ROAD	X	X	X	TREES, FIRE/SECURITY BREAK			
121	WEST APPROACH ZONE			X				
122	WEST APPROACH ZONE			X				
123	PHILLIPS PKWY TO INDUSTRIAL		X		GRASS WILL NOT EXCEED 8"			
124	HANGAR RD TO INDUSTRIAL AREA		X		GRASS WILL NOT EXCEED 8"			
125	DRMO AREA		X	X	TREES, FIRE/SECURITY BREAK			
126	WEST APPROACH ZONE		X	X	450 x 1000 FT OVERRUN MAX 8"			
127	WEST APPROACH ZONE							
128	WEST APPROACH ZONE		X	X	FIRE/SECURITY BREAK			
129	WEST APPROACH ZONE			X	FIRE/SECURITY BREAK			
130	WEST APPROACH ZONE							

J-BOSC TECHNICAL EXHIBIT 5.5-826 **CCAFS GROUNDS AREAS and REQUIREMENTS**

PLOT NUMBER	AREA DESCRIPTION	PR-01 IMPVD GRNDS	PR-02 SEMI-IMPVD "A" GRNDS	PR-03 SEMI IMPVD "B" GRNDS	SPECIAL REQUIREMENTS			
131	WEST APPROACH ZONE		X		FIRE/SECURITY BREAK			
132	PHILLIPS PKWY @ HANGAR RD		X		GRASS WILL NOT EXCEED 8"			
133	BURIAL PLOT OFF PHILLIPS PKWY							
134	CX11 EAST			X				
135	CX11 CENTER			X				
136	CX11 WEST		X	X				
137	FACILITY 27220	X	X	X	30' CLEAR ZONE @ FENCELINE			
138	RUNWAY N/W		X	X	SEMI-IMP "A"; MAXIMUM HEIGHT 8"			
139	CX36A EAST	X		X	30' CLEAR ZONE @ FENCELINE			
140	CX36A N/W	X	X	X	TREES			
141	CENTRAL CONTROL ROAD		X	X				
142	FACILITY 14300		X	X	FIRE/SECURITY BREAK			
143	CENTROL CONTROL ROAD		X	X	FIRE/SECURITY BREAK			
144	FACILITY 20299		X	X				
145	RUNWAY NORTH	X	X		SEMI-IMP "A"; MAXIMUM HEIGHT 8"			
146	RUNWAY SOUTH	X	X		SEMI-IMP "A"; MAXIMUM HEIGHT 8"			
147	RUNWAY S/W	X	X		SEMI-IMP "A"; MAXIMUM HEIGHT 8"			
148	FACILITY 55810		X		30' CLEAR ZONE @ FENCELINE			
149	FACILITY 55840		X		30' CLEAR ZONE @ FENCELINE			
150	SOLID FUEL STG AREA NORTH		X		30' CLEAR ZONE @ FENCELINE			
151	SOLID FUEL STG AREA NORTH		X		30' CLEAR ZONE @ FENCELINE			
152	FACILITY 2826 N/E		X		400' TOWER RADIUS 6" OR LESS			
153	FACILITY 2826 N/W		X		400' TOWER RADIUS 6" OR LESS			
154	FACILITY 4100		X					
155	FACILITY 2826 N/E	X			400' TOWER RADIUS 6" OR LESS			
156	FACILITY 2826 N/E		X	X	400' TOWER RADIUS 6" OR LESS			

J-BOSC TECHNICAL EXHIBIT 5.5-826 **CCAFS GROUNDS AREAS and REQUIREMENTS**

PLOT NUMBER	AREA DESCRIPTION	PR-01 IMPVD GRNDS	PR-02 SEMI-IMPVD "A" GRND	PR-03 SEMI IMPVD "B" GRND	SPECIAL REQUIREMENTS			
157	CX36B	X		X	30' CLEAR ZONE @ FENCELINE			
158	CENT CTL RD AT LIGHTHOUSE		X	X	FIRE/SECURITY BREAK			
159	FACILITY 1348	X	X		30' CLEAR ZONE @ FENCELINE			
160	CONTROL TOWER ROAD		X		FIRE/SECURITY BREAK			
161	RUNWAY N/E		X	X	SEMI-IMP "A"; MAXIMUM HEIGHT 8"			
162	RUNWAY S/E		X	X	SEMI-IMP "A"; MAXIMUM HEIGHT 8"			
163	SOUTH OF RUNWAY			X	FIRE/SECURITY BREAK			
164	RUNWAY SOUTH		X	X	SEMI-IMP "A"; MAXIMUM HEIGHT 8"			
165	FACILITY 40431		X	X	30' CLEAR ZONE @ FENCELINE			
166	FLIGHT CONTROL ROAD		X	X	FIRE/SECURITY BREAK			
167	FACILITY 55860		X	X	30' CLEAR ZONE @ FENCELINE			
168	FLIGHT CONTROL ROAD		X					
169	PHILLIPS PKWY/FLIGHT CTL RD		X		GRASS WILL NOT EXCEED 8"			
170	FACILITY 72810		X		30' CLEAR ZONE @ FENCELINE			
171	FACILITY 77200		X		30' CLEAR ZONE @ FENCELINE			
172	FACILITY 77350		X		30' CLEAR ZONE @ FENCELINE			
173	FACILITY 102		X	X	30' CLEAR ZONE @ FENCELINE			
174	CX46		X		30' CLEAR ZONE @ FENCELINE			
175	FACILITY 6012	X	X	X	30' CLEAR ZONE @ FENCELINE			
176	EAST APPROACH ZONE E		X					
177	EAST APPROACH ZONE E		X					
178	EAST APPROACH ZONE E		X					
179	EAST APPROACH ZONE E		X	X				
180	EAST APPROACH ZONE W		X					
181	EAST APPROACH ZONE W		X	X	450 x1000 FT OVERRUN MAX 8"			
182	EAST APPROACH ZONE W		X	X	450 x1000 FT OVERRUN MAX 8"			

J-BOSC TECHNICAL EXHIBIT 5.5-826 **CCAFS GROUNDS AREAS and REQUIREMENTS**

PLOT NUMBER	AREA DESCRIPTION	PR-01 IMPVD GRNDS	PR-02 SEMI-IMPVD "A" GRND	PR-03 SEMI IMPVD "B" GRND	SPECIAL REQUIREMENTS			
183	EAST APPROACH ZONE W			X				
184	FLIGHT CONTROL RD EAST		X	X				
185	FLIGHT CONTROL RD		X					
186	FACILITY 1321		X					
187	FACILITY 50803		X	X	FIRE/SECURITY BREAK			
188	FACILITY 56205	X	X		TREES, FENCELINE			
189	MISSION CONTROL RD		X		30' CLEAR ZONE @ FENCELINE			
190	PHILLIPS PKY AT 1033		X		GRASS WILL NOT EXCEED 8"			
191	LIQUID PROP DISPOSAL		X		30' CLEAR ZONE @ FENCELINE			
192	LIQUID FUEL STORAGE		X		30' CLEAR ZONE @ FENCELINE			
193	CAMERA ROAD			X				
194	CAMERA ROAD			X				
195	JLIGHTHOUSE ROAD		X					
196	CX31 EAST		X					
197	CX31 N/W		X					
198	CX31 S/W		X					
199	CX18		X	X				
200	CX17 N/E	X			30' CLEAR ZONE @ FENCELINE			
201	CX17 WEST	X		X	SHRUBS, HEDGES, PLANT BEDS, FENCELINE			
202	IBM/LIGHTHOUSE ROAD		X		FIRE/SECURITY BREAK			
203	AREA WEWEST OF CX17			X	FIRE/SECURITY BREAK			
204	AREA SOUTH OF FAC 50803			X	FIRE/SECURITY BREAK			
205	SOLID FUEL STORAGE		X	X	FIRE/SECURITY BREAK			
206	FSA #5 ROAD		X	X	30' CLEAR ZONE @ FENCELINE			
207	PHILLIPS PKY		X		GRASS WILL NOT EXCEED 8"			
208	LIQUID FUEL STORAGE		X		30' CLEAR ZONE @ FENCELINE			

J-BOSC TECHNICAL EXHIBIT 5.5-826 CCAFS GROUNDS AREAS and REQUIREMENTS

PLOT NUMBER	AREA DESCRIPTION	PR-01 IMPVD GRNDS	PR-02 SEMI-IMPVD "A" GRND	PR-03 SEMI IMPVD "B" GRND	SPECIAL REQUIREMENTS			
209	LIQUID FUEL STORAGE		X	X				
210	FACILITY 15306	X	X					
211	FACILITY 18003		X	X				
212	CX17 S/E	X			30' CLEAR ZONE @ FENCELINE			
213	USAF SPACE MUSEUM	X			TREES, SHRUBS, HEDGES, PLANT BEDS, FENCELINE			
214	LIFTHOUSE RD		X					
215	DELTA OPS SUPPORT		X		30' CLEAR ZONE @ FENCELINE			
216	LIGHTHOUSE RD		X					
217	PHILLIPS PKY/OIGHTHOUSE RD		X		GRASS WILL NOT EXCEED 8"			
218	BURIAL PLOT		X					
219	PIER RD EAST OF CX17		X					
220	SOLID FUEL STORAGE #3		X		30' CLEAR ZONE @ FENCELINE			
221	NASA SPACE MUSEUM	X			TREES, SHRUBS, HEDGES, PLANT BEDS			
222	NASA SPACE MUSEUM	X			TREES, SHRUBS, HEDGES, PLANT BEDS			
223	AREA SO. OF NASA MUSEUM		X					
224	CX30 NORTH		X	X	30' CLEAR ZONE @ FENCELINE			
225	CX30 SOUTH		X	X	30' CLEAR ZONE @ FENCELINE			
226	FACILITY 67903		X		30' CLEAR ZONE @ FENCELINE			
227	FACILITY 73700		X					
228	PHILLIPS PKWY/LIGHTHOUSE RD		X		GRASS WILL NOT EXCEED 8"			
229	COMMAND CONTROL		X	X	30' CLEAR ZONE @ FENCELINE			
230	PIER RD TO CX25		X	X	30' CLEAR ZONE @ FENCELINE			
231	PIER RD AT CX25		X	X	FIRE/SECURITY BREAK			
232	PIER RD SOUTH OF CX25			X	FIRE/SECURITY BREAK			
233	PIER RD SOUTH OF CX25	X	X	X	FIRE/SECURITY BREAK			
234	PIER RD SOUTH OF CX25	X	X	X	FIRE/SECURITY BREAK			

J-BOSC TECHNICAL EXHIBIT 5.5-826 **CCAFS GROUNDS AREAS and REQUIREMENTS**

PLOT NUMBER	AREA DESCRIPTION	PR-01 IMPVD GRNDS	PR-02 SEMI-IMPVD "A" GRND	PR-03 SEMI IMPVD "B" GRND	SPECIAL REQUIREMENTS			
235	PHILLIPS PKWY AT PIER RD		X		GRASS WILL NOT EXCEED 8"			
236	PHILLIPS PKWY AT PIER RD		X		GRASS WILL NOT EXCEED 8"			
237	CX25			X				
238	CX25		X	X				
239	FACILITY 62637	X	X	X	TREES, SHRUBS, HEDGES, PLANT BEDS, FENCELINE			
240	TRANSMITTER FIELD N/E			X				
241	TRANSMITTER FIELD N/W		X	X				
242	FACILITY 81701	X		X	TREES, SHRUBS			
243	CX29		X	X				
244	FACILITY 62875		X	X	30' CLEAR ZONE @ FENCELINE			
245	TRANSMITTER FIELD N/E		X	X				
246	TRANSMITTER FIELD N/W		X	X				
247	FACILITY 81900	X			TREES, FENCELINE			
248	FACILITY 85108	X	X	X				
249	FACILITY 62824		X		30' CLEAR ZONE @ FENCELINE			
250	FACILITY 57511		X		30' CLEAR ZONE @ FENCELINE			
251	FACILITY 63000		X	X	30' CLEAR ZONE @ FENCELINE			
252	TRANSMITTER FIELD N/E			X				
253	TRANSMITTER FIELD WEST			X				
254	PARKING AREA		X					
255	TRANSMITTER FIELD S/E			X				
256	TRANSMITTER FIELD S/W			X				
257	PHILLIPS PKY NEAR MAIN GATE		X		GRASS WILL NOT EXCEED 8"			
258	FACILITY 85200		X	X				
259	TRRIDENT AREA		X	X	30' CLEAR ZONE @ FENCELINE			
260	HARBOUR AREA		X					

TE 5.5-826-11

The contractor shall provide a written statement certifying the accuracy of the workload data on an annual basis as of 30 September of each fiscal year. The first statement shall be no later than 30 September 2003.

WBS	Function	Workload Description or Document Title	Document Number (if Applicable)	Rev. Date
1.0	Project Management			
1.1	Management and Control	<p>* Community Events such as: Community Special Events include items such as:</p> <ul style="list-style-type: none"> • Facility Grand openings or ground breaking ceremonies. • Support for Barbeques, Soul Food Festival, NASA gatherings, Hello Florida, VPP Luncheons, etc. • Take Children to Work Day • Partnering Meetings, Awards Ceremony • Intercenter Run • Holiday Lighting • Environmental and Energy Awareness • Other Special Events such as the 40th Anniversary of Flight, Women's Equality Day, FIRST Robotics, Asian Pacific Festival • PAFB Air Show, Stuart Air Show <p>* The list does not include the NASA Annual Picnic, Super Safety Day and the Port Exposition due to the complexity and variability of that support.</p> <p>* 206 Miles of Utility Locates per year</p>	MOD 205	
1.1	Management and Control	<p>24 18 Launch Forecast. Average normal launch activities include: 4 Atlas II, 1 Atlas III, 2 Atlas V (EELV), 6 Delta II, 3 Delta IV (EELV), 1 Pegasus, 4 STS, 2 Navy, 1 Titan IV</p>	MOD 428	
1.1	Management and Control			
1.1	Management and Control			
1.1	Management and Control			
1.2	Safety and Mission Assurance			

TECHNICAL EXHIBIT LISTING

WBS	Document Number	Rev. Date	Document Name	Mod Number
1.1.1.3	J-BOSC Tech Exhibit 5.1-501	10/97	Customer Support Function	205
2.1.1.1	J-BOSC Tech Exhibit 2.1.1.1-001	12/00	NASA Real Property	205
2.1.1.1	J-BOSC Tech Exhibit 2.1.1.1-002	12/00	AF Real Property	205
2.1.2.3.1	J-BOSC Tech Exhibit 2.1.2-001	12/03	Vessel/Systems	205
2.1.2.3.4	J-BOSC Tech Exhibit 2.1.2-002	12/03	Renewal Packages for DOT Exceptions	205
2.1.3.2	J-BOSC Tech Exhibit 2.1.3-001	04/03	KSC Cof F Project Baseline, WBS 2.1.3	205
2.1.4.3	J-BOSC Tech Exhibit 2.1.4-01	08/02	Energy Management Office Periodic Report Requirements	205
2.2.1.1	J-BOSC Tech Exhibit 2.2-017	05/05	On Line Operation Maintenance Engineering User Matrix (OMEU)	286
2.2.1.3	J-BOSC Tech Exhibit 2.2.1.3-001	05/05	Type III Work Orders	281
2.2.1.7	J-BOSC Tech Exhibit 2.2.1.7-01	12/03	KSC Ditch Cleaning	205
2.2.1.8	J-BOSC Tech Exhibit 2.2.1.8	12/03	Pad A&B Slide Wire Area Support Standards	205
2.2.1.19	J-BOSC Tech Exhibit 5.5-801	02/97	Clean Room Services	205
2.2.1.19	J-BOSC Tech Exhibit 5.5-802	09/96	Clean Room Description - NASA	205
2.2.2	J-BOSC Tech Exhibit 2.2.2.3A	12/04	Florida Annexes Refuse Collection Sites and Frequencies	269
2.2.2	J-BOSC Tech Exhibit 2.2.2.3B	04/07	CCAFS Refuse Collection Sites and Frequencies	428
2.2.2	J-BOSC Tech Exhibit 2.2.2.3C	12/04	KSC Refuse Collection Sites and Frequencies	269
2.2.2.1	J-BOSC Tech Exhibit 5.5-826	04/07	CCAFS Grounds Areas Map and Requirements	428
2.2.2.1	J-BOSC Tech Exhibit 7.0-016	06/05	KSC Grounds Maintenance	290
2.2.2.1	J-BOSC Tech Exhibit 5.5-827	12/03	CCAFS Specific Grounds Maintenance Requirements	293
2.2.2.1	J-BOSC Tech Exhibit 5.5-827	12/03	CCAFS Specific Grounds Maintenance Requirements	205
2.2.2.1	J-BOSC Tech Exhibit 2.2.2.1-01	12/03	Road Maintenance Areas of Responsibility for KSC and CCAFS	205
2.2.2.2	J-BOSC Tech Exhibit 2.2.2.2-01	12/03	Air Force Pest Management Plan	205
2.2.4	J-BOSC Tech Exhibit 2.2.4	08/05	Custodial Services	303
2.3	J-BOSC Tech Exhibit 2.3-01	06/04	Completed-One-Time Special Projects for Customers	232
2.3	J-BOSC Tech Exhibit 2.3-02	04/05	Security Support for New Horizon Mission	280
2.3	J-BOSC Tech Exhibit 2.3-03	01/05	Health Physics Services Support for New Horizon Mission	280
2.3	J-BOSC Tech Exhibit 7.0-127	05/02	CCAFS Water Backflow Prevention Devices	205
3.1.1	J-BOSC Tech Exhibit 3.1.1-01	08/06	Hazardous Operations Requiring CCAFS Fire Department Standbys	428
3.1.2	J-BOSC Tech Exhibit 3.1.2-01	7/03	KSC Realignment of Security Posture for FY04-08	239

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